

Secure Web Access System

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Civilian Pay Systems
Management Office

SWA Discussion Points

■ Background

- Benefits of Using SWA
- Components\User Requirements
- PKI Certificate Installation and Operation
- Manual\Problem Reporting
- Deployment Strategy\Timeframe
- Status

Background

- Provide the customers a “Web Based” solution to protect sensitive DCPS information during online transactions
- Reduce software maintenance by automating product updates

SWA Benefits

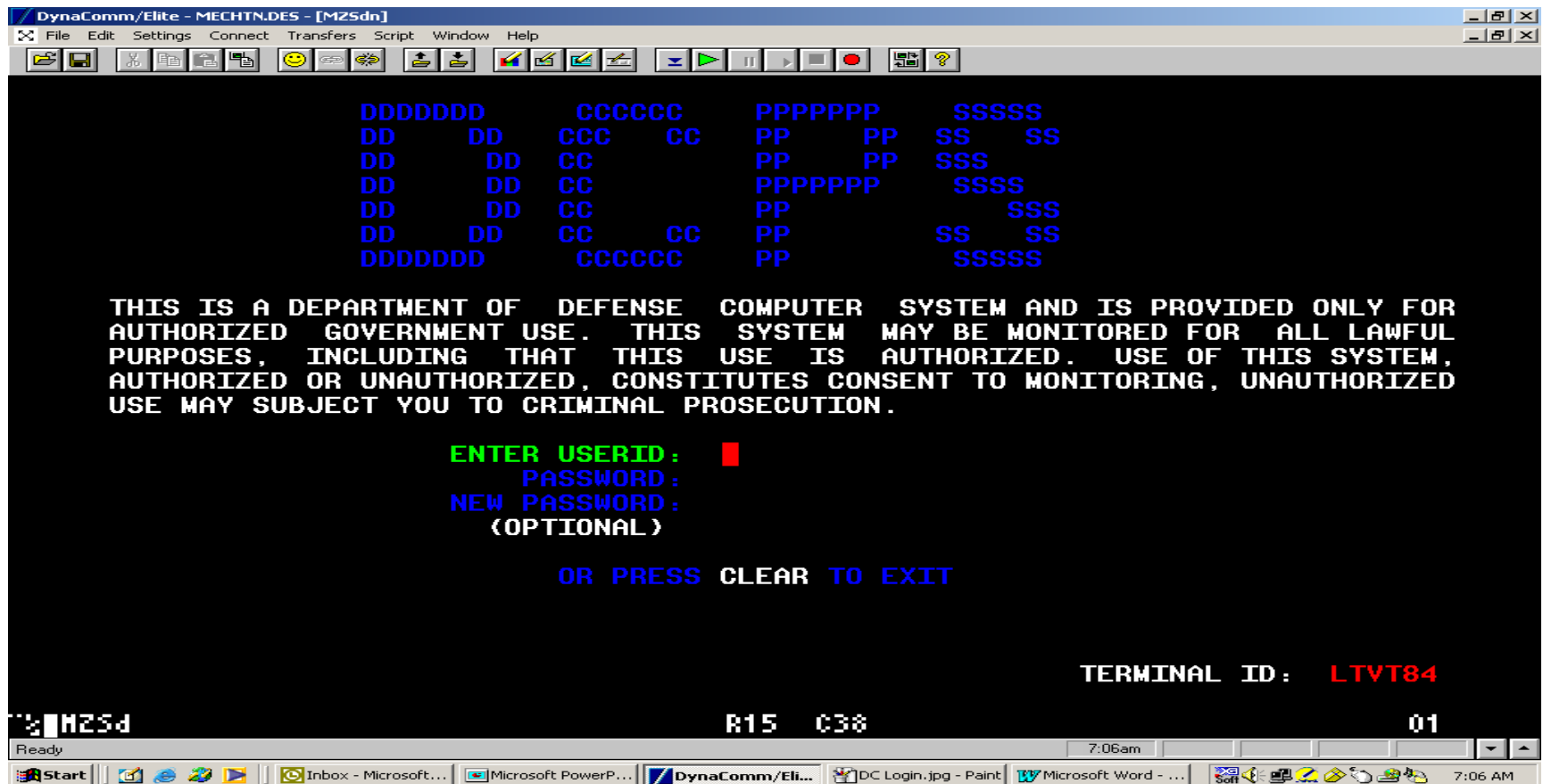
□ Secure Connection to the Mainframe

- Provides secure, remote access to the mainframe using Web technology for transaction processing.

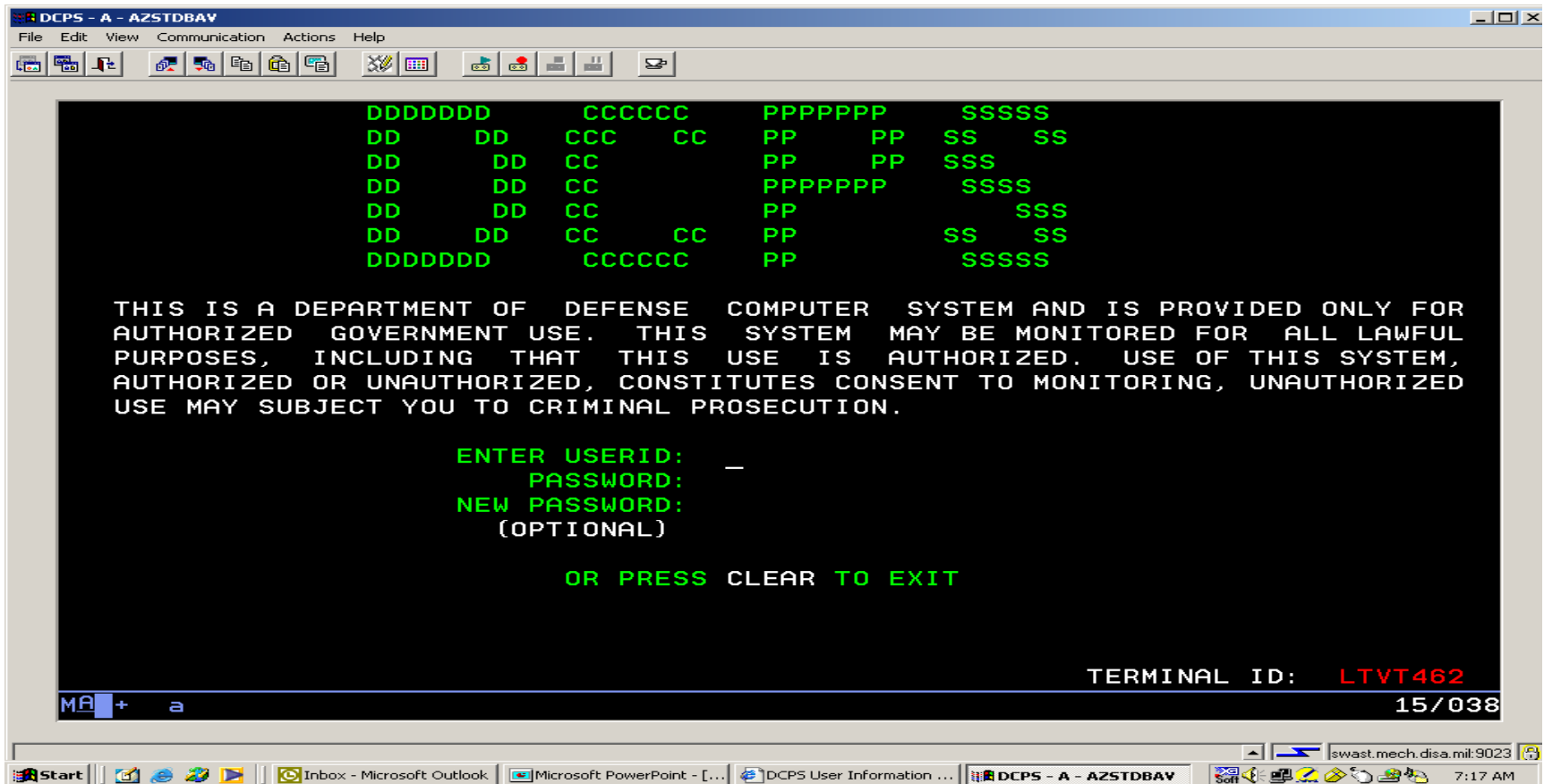
□ Simple User Interface

- User-friendly interface with Netscape/Internet Explorer Web Browsers.

Dyna Comm Login Screen



SWA Login Screen



SWA Benefits (Continued)

- DOD Security Compliant
 - Provides information security within DOD guidelines.
- SWA can be accessed through the Internet
 - Teleworking from home
 - Another 9/11 Scenario
 - COOP

SWA Components

- Remote PC Workstation
- Netscape or Internet Explorer Web Browser
- Connection to the NIPRNet/Internet
- The SWA Server and mainframe are both located at DECC Mechanicsburg

SWA User Requirements

■ PC/Workstation

- Pentium 200 with 32 MB RAM and 60 MB hard drive space.

□ Browser Software

- Minimum of Netscape Navigator 4.7 or Internet Explorer 5.0.

□ NIPRNet Access

- PC connected to the NIPRNet or Internet via the remote user's local area network (LAN).

SWA System Installation Process

□ Browser Configuration

- A DOD PKI Certificate must be downloaded and installed on the client computer. The Certificate authenticates the SWA Server and also supports a secure connection.

SWA System Operations

■ Transparent Mainframe Connectivity

- Upon startup, the SWA System transparently creates a secure connection to the mainframe. After a brief period, the user is presented with the appropriate “3270 Screen.”

□ Response Time

- While the overhead of creating a secure connection takes a few extra seconds, actual SWA System response time compares favorably with DynaComm Elite.

SWA System Operations (Continued)

■ DynaComm-Like Printer Capabilities

- The SWA System provides 132 character printing, dynamic printer LU updates and retention, and Windows Print Manager functionality (portrait/landscape changes, printer capture changes, etc.)

□ DynaComm-Like Interface Functions

- Provides end-users the capability to remap keys, customize screen appearance, run macros, etc.

SWA System Manual\Problem Reporting

□ Installation Manual

- A complete Installation Manual is available at URL
<https://dfas4dod.dfas.mil/systems/dcps/consolid/dcps>

□ User Manual

- A complete Users Manual is available online. End-users will be given the appropriate World-Wide Web address to gain access to this publication. <http://www.mech.disa.mil>

SWA System Manual\Problem Reporting (Continued)

□ Problem Reporting

- End-users will be asked to call the DCPS Customer Support Help Desk at Comm: (850452-2990 ext. 310 or DSN:(922-2990 ext. 310) to initiate a Trouble Ticket for problem resolution and tracking purposes.